IATF 16949 Quality Management System Auditor Training

Our Purpose: This course has been created to meet the new competency requirements for Internal Auditors identified in section 7.2.3 of the 2016 IATF16949 Standard.

Our Goal: To expand the knowledge and skills of internal auditors beyond the basics of conformance auditing to focus their audits on business value considering performance management and risk management.

Our Credentials: This course is only instructed by IATF 16949 Certified Lead Auditors with years of industry experience that are also certified to teach the IRCA ISO 9001:2015 QMS Lead Auditor Course. Additionally, our instructors have been trained on adult learning concepts through Carnegie Melon. Per IATF 16949 clause 7.2.3 *"...Where training is provided to achieve competency, documented information shall be retained to demonstrate the trainer's competency..."* and the training certificate you will receive from this class fully demonstrates the competency of your instructor.

Our Methods: Recognizing the challenges of adult learning, many exercises and workshops have been integrated into the course materials for the students to immediately apply and enforce their learning experience after the discussion of every new concept. We spend the majority of our R&D time creating better learning exercises, not more slides. Anyone can create and read to you slides in the attempt to teach IATF16949 and the AIAG Core Tools but it is rare that an auditor training course takes this approach. This is what separates us from our competition, we provide "hands on" learning.

Our Course Benefits: At the conclusion of this course, successful attendees will have been provided with the knowledge and ability to utilize the concepts of process auditing **to drive improvement** including:

- ✓ A thorough understanding of ISO 9001:2015 and IATF 16949:2016 Standards (combined training copy provided), and most importantly, their intent.
- ✓ A solid understanding of the automotive industry Core Tools (i.e. APQP, PPAP, FMEA, MSA and SPC).
- ✓ The Automotive Process Approach: Starting and finishing audit trails with customer and organizational performance metrics.
- ✓ Using risk assessment tools to prioritize audit trails.
- ✓ Focusing on critical sources of variation using six sigma concepts.
- ✓ Focusing on waste reduction using lean manufacturing concepts.
- ✓ Using problem solving principles and tools such as PDCA, 8D, fishbone diagrams, and "5 Why" analysis.
- ✓ The ability to plan, conduct and report process based audit activities based on ISO 19011 guidelines.
- ✓ How to "sell" audit findings to top management by linking corrective actions to the bottom line financial performance of the organization.

Course Content:

- ✓ The Deming Cycle (PDCA) and 7 management principles from ISO 9000:2015
- ✓ The Automotive Process Approach to business management, including policy deployment and metric alignment.
- ✓ Risk Based Thinking and Risk Management tools, including SWOT and FMEA.
- ✓ The importance of following APQP and completing an effective PPAP.
- ✓ Variation / 6S concepts, including Measurement Uncertainty, MSA, Gage R&R, Process Capability and SPC.
- ✓ Waste and Lean Manufacturing, including 7 Wastes, Value Stream Mapping and Error Proofing.
- ✓ A practical application of the latest ISO 9001 and TS 16949 requirements through ongoing team exercises and daily NCR case study role play.
- ✓ An ongoing PPAP case study teaching students how to effectively assess application of the AIAG core tools.
- ✓ Training on relevant Customer Specific Requirements (CSRs).
- ✓ Planning, conducting and reporting on the process audit.
- ✓ To close out every day we examine multiple case studies in nonconformity identification, allowing students to immediately apply what they have just learned.
- ✓ To open every day we perform a closing meeting role play where each student must present their assigned case study results from the previous day to a management team not interested in ISO requirements.
- ✓ Exercises for evaluating the adequacy of corrective actions.
- ✓ A two hour final examination is given to evaluate the effectiveness of the training.

Common Sense Consulting

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Prerequisites: None, however this course is directed towards experienced internal auditors or who have taken a basic course on internal auditing and want to significantly improve their knowledge and skills.

Certification: Attendees who successfully complete the ongoing student assessment and examination will receive a Certificate of Achievement. Everyone will be trained to plan, conduct and report = "lead" an audit. There is no actual "certification" required for internal auditor courses per IATF16949 other than verifying that the instructor is "competent". And we can prove that our instructors are the best in the business based on our statements above regarding instructor competence! NOTE: A "certified" training course does not equal a "certified" auditor! The ONLY valid IATF16949 lead auditor certification that has any true meaning is the Sanctioned IATF certification that only a professional 3rd party auditor can achieve on behalf of a registrar/CB (which is what your instructor for this course holds).

Many training providers will tell you that their courses are "certified" but what does this really mean? We encourage you to look up their "course certifications" and ask yourself… does this "course certification" really ensure a superior course and why should I pay more?

Our IATF Instructors/Lead Auditors have been auditing and teaching these concepts for years and know what we are doing is way beyond anything a "course certification audit" can provide us, other than additional costs. The most important thing to demonstrate that a course has validity is that it is taught by an actual IATF 16949 certified lead auditor that is also certified to teach the IRCA ISO 9001:2015 QMS Lead Auditor Course. This is what differentiates our courses from any others.

Timetable: This is a full four day course (see course timetable)

Method of Delivery: We would be pleased to conduct this training at your facility or in a public venue.

Cost: Public course - $1595.00/person. Includes all training materials, breakfasts, lunches and breaks.

On-site course - Please let us know if you are interested and we will provide a quote that best suits your organization's needs.